

ABSTRACT OF THE DISCLOSURE

A wiring portion has first and second write
conductors, first and second read conductors, and an
insulating layer. The first write conductor, first and
5 second read conductors, and second write conductor are
arranged three-dimensionally at different height levels
in the thickness direction of the insulating layer, in
a cross section extending in the width direction of the
wiring portion. The distance from the first write
10 conductor to the first read conductor is equal to the
distance from the first write conductor to the second
read conductor. The distance from the second write
conductor to the first read conductor is equal to the
distance from the second write conductor to the second
15 read conductor.